Mountain Weather Forecast

Yorkshire Dales National Park

Forecast valid from 00:00 on Wednesday 24 Nov 2021 until 23:59 on Thursday 25 Nov 2021

Forecast Issued on Tuesday 23 Nov 2021 at 16:30

Confidence: High for a much colder, more wintry, period than we have seen recently. Lower for timing of the various bands of precipitation and winds speeds due to uncertainties regarding a deep low, expected to move SE close to northern Scotland and into the North Sea, later this week and over the weekend.

Headline for Wednesday 24 Nov 2021: Bright start but becoming cloudy with outbreaks of rain and summit sleet. Clearer later.

Mountain weather hazards on Wednesday 24 Nov 2021

Blizzards
No Likelihood

Heavy Snow
No Likelihood

Storm force winds
No Likelihood

Gales
No Likelihood

Severe chill effect
Low Likelihood

Poor visibility
Medium Likelihood

Thunderstorms
No Likelihood

Heavy persistent rain
No Likelihood

Strong sunlight
No Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Partly cloudy (night)	Partly cloudy (night)	Partly cloudy (night)	Sunny intervals	Light rain	Light rain	Partly cloudy (night)	Clear night
Precipitation probability							
10%	<05%	<05%	10%	60%	50%	10%	00%

Forecast for Wednesday 24 Nov 2021

Weather: Mainly dry overnight with clear spells, especially across eastern hills. Then a bright start but cloud soon increasing with outbreaks of rain developing during the late morning, these turning increasingly wintry on higher summits during the afternoon. The rain and summit sleet clears away south towards dusk with drier conditions following and long clear spells developing through the evening.

Chance of cloud free mountain/hill tops above 600m: Around 40% at first and again from the north towards dusk, otherwise near zero through the bulk of the day. Chances improve considerably through the evening.

Visibility: Occasional cloud, soon becoming periods or persistent, above 600-750m lowering, especially in the west, to 300-450m for a time in the early afternoon. Away from cloud visibility good falling to several kilometres in rain and sleet.

Check our weather forecast every day to get the most accurate and up to date information
http://www.metoffice.gov.uk/public/weather/mountain-forecast
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Met Office Mountain Weather Forecast

Forecast for Wednesday 24 Nov 2021

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	12/18 W	15/22 W	17/26 W	17/26 W	16/23 W	11/16 NW	9/14 NW	11/18 NW	14/22 NW
300	6/14 W	8/18 W	8/19 W	8/19 W	9/19 W	7/14 NW	5/12 NW	7/14 NW	9/18 NW
Valley	4/11 W	5/15 W	6/17 W	5/17 SW	9/20 W	6/13 NW	3/9 NW	5/12 NW	6/14 N

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	4/-0	3/-2	3/-2	3/-2	4/-1	2/-2	2/-2	0/-5	-1/-7
300	6/4	6/3	5/2	6/3	7/4	5/2	4/2	2/-1	1/-3
Valley	6/5	6/5	6/4	7/5	8/5	6/4	5/4	2/0	2/-1
Freezing Level*	1300m	1100m	1000m	1000m	1200m	1000m	800m	600m	500m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Increasing chill effect through the day, even at lower levels.

Recent rainfall: measured at Malham: altitude 375m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
15:00 on Tue 23 Nov 2021	0mm	0.2mm	1.8mm

Forecast for Thursday 25 Nov 2021

Weather: One or two snow flurries possible but generally a dry day with long clear then sunny spells. However cloud is expected to increase later in the afternoon with outbreaks of sleet and snow spreading east towards midnight.

Maximum wind: Northerly 20-25mph, gusts around 40mph over higher ridges and summits, decreasing 10-15mph and backing more northwesterly in the afternoon then southwesterly 15-20mph towards midnight.

Chance of cloud free mountain/hill tops above 600m: Close to 100% through much of the day but chances falling towards midnight.

Visibility: Only small amounts of cloud below summits through much of the day but periods or persistent cloud above 600-750m spreading east towards midnight. Otherwise visibility very good or excellent, briefly falling in any snow flurries, falling to several kilometres in evening sleet and perhaps a kilometre or less in any snow.

Temperature: **Valleys:** Close to zero at dawn rising to plus 6 or 7 Celsius by day
At 600m: Around minus 2 Celsius
Freezing level: 450m, falling to 300m or less for a time.

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